

# EAST Search History

-ORL - 4/19/2007

| Ref # | Hits | Search Query   | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 0    | ("(cigarette or (smokable adj rod)) and core and annul\$2 and wrap and glycerin and (alginate or guar) and (burn adj suppress\$4)").PN.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2007/04/19 10:50 |
| S2    | 2    | (cigarette or (smokable adj rod)) and core and annul\$2 and wrap and glycerin and (alginate or guar) and (burn adj suppress\$4)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2006/08/09 14:45 |
| S3    | 615  | (cigarette or (smokable adj rod)) and core and annul\$2  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2006/08/09 14:46 |
| S4    | 74   | ("1829559" "20040025894" "32580 15" "3349776" "3356094" "3461879" "3516417" "3614956" "3736941" "3878850" "3910287" "3957062" "3987804" "4207906" "4219031" "4340072" "4347855" "4580579" "4593704" "4632130" "4714082" "4716913" "4727888" "4736754" "4771795" "4793365" "4836224" "4874004" "4878507" "4892109" "4911184" "4917121" "4917128" "4924886" "4961438" "4966171" "4981522" "4986287" "5033483" "5060667" "5065776" "5074321" "5099861" "5101839" "5105835" "5105836" "5105838" "5129408" "5137034" "5159940" "5178167" "5183062" "5211684" "5271419" "5327917" "5345951" "5396911" "5598868" "5715844" "5819751" "6095153" "6202648" "6257243" "6265626" "6367481" "6397852" "6578584").PN. | US-PGPUB; USPAT; USOCR                    | OR               | ON      | 2006/08/09 15:54 |
| S5    | 32   | Perfetti-Thomas-A.IN. and nc.INST.   | US-PGPUB; USPAT; USOCR                    | OR               | ON      | 2006/08/09 14:58 |
| S6    | 1499 | reynolds.AS.   | US-PGPUB; USPAT; USOCR                    | OR               | ON      | 2006/08/09 15:03 |
| S7    | 4782 | reynolds.AS.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2006/08/09 15:03 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S8  | 446 | S6 and (cigarette or "smokable rod")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/09 15:03 |
| S9  | 320 | S7 and aerosol  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/09 15:03 |
| S10 | 1   | S8 and (burn adj suppress\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/09 15:54 |
| S11 | 58  | S8 and glycerin and (alginate or guar)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/09 15:05 |
| S12 | 74  | ("1829559" "20040025894" "3258015" "3349776" "3356094" "3461879" "3516417" "3614956" "3736941" "3878850" "3910287" "3957062" "3987804" "4207906" "4219031" "4340072" "4347855" "4580579" "4593704" "4632130" "4714082" "4716913" "4727888" "4736754" "4771795" "4793365" "4836224" "4874004" "4878507" "4892109" "4911184" "4917121" "4917128" "4924886" "4961438" "4966171" "4981522" "4986287" "5033483" "5060667" "5065776" "5074321" "5099861" "5101839" "5105835" "5105836" "5105838" "5129408" "5137034" "5159940" "5178167" "5183062" "5211684" "5271419" "5327917" "5345951" "5396911" "5598868" "5715844" "5819751" "6095153" "6202648" "6257243" "6265626" "6367481" "6397852" "6578584").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/08/09 15:54 |
| S13 | 32  | Perfetti-Thomas-A.IN. and nc.INST.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/08/09 15:54 |
| S14 | 102 | S12 or S13  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/08/09 15:54 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S15 | 140  | S10 or S11 or S14  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/09 16:25 |
| S16 | 104  | S15 and (citrate or succinate or tartarate or maleate or acetate or oxalate) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/09 16:26 |
| S17 | 58   | S16 and (alginate or guar)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/09 16:27 |
| S18 | 54   | S17 and glycerin   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/09 16:47 |
| S19 | 17   | S18 and CORESTA  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/10 07:53 |
| S20 | 491  | (porosity or permeability) and CORESTA                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/09 16:51 |
| S21 | 489  | S20 and (smok\$4 or cigarette)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/09 16:51 |
| S22 | 1499 | reynolds.AS.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/08/10 07:53 |
| S23 | 446  | S22 and (cigarette or "smokable rod")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/10 07:53 |
| S24 | 1    | S23 and (burn adj suppress\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/10 07:53 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S25 | 58  | S23 and glycerin and (alginate or guar)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/10 07:53 |
| S26 | 74  | ("1829559" "20040025894" "32580<br>15" "3349776" "3356094" "3461879<br> "3516417" "3614956" "3736941" "<br>3878850" "3910287" "3957062" "3<br>987804" "4207906" "4219031" "434<br>0072" "4347855" "4580579" "45937<br>04" "4632130" "4714082" "4716913<br> "4727888" "4736754" "4771795" "<br>4793365" "4836224" "4874004" "4<br>878507" "4892109" "4911184" "491<br>7121" "4917128" "4924886" "49614<br>38" "4966171" "4981522" "4986287<br> "5033483" "5060667" "5065776" "<br>5074321" "5099861" "5101839" "5<br>105835" "5105836" "5105838" "512<br>9408" "5137034" "5159940" "51781<br>67" "5183062" "5211684" "5271419<br> "5327917" "5345951" "5396911" "<br>5598868" "5715844" "5819751" "6<br>095153" "6202648" "6257243" "626<br>5626" "6367481" "6397852" "65785<br>84").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/08/10 07:53 |
| S27 | 32  | Perfetti-Thomas-A.IN. and nc.INST.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/08/10 07:53 |
| S28 | 102 | S26 or S27  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/08/10 07:53 |
| S29 | 140 | S24 or S25 or S28   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/10 07:53 |
| S30 | 104 | S29 and (citrate or succinate or tartarate or maleate or acetate or oxalate)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/10 07:53 |
| S31 | 58  | S30 and (alginate or guar)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/10 07:53 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S32 | 54   | S31 and glycerin   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/08/10 07:53 |
| S33 | 47   | S32 and (porosity or permeability)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/08/10 07:54 |
| S34 | 4    | (("20050066985") or<br>("20050066986")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/08/10 08:14 |
| S35 | 943  | (131/274,276,347).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/08/10 08:14 |
| S36 | 972  | (131/360,364,365).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/08/10 08:15 |
| S37 | 245  | (131/364).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/08/10 08:22 |
| S38 | 587  | (131/365).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/08/10 08:22 |
| S39 | 14   | ((("5060667") or ("4892109") or<br>("4896287") or ("5265626") or<br>("5396911") or ("5327917") or<br>("5415186") or ("5101839") or<br>("5327917") or ("5598868") or<br>("5415186") or ("5360023") or<br>("4986287") or ("4716913") or<br>("6748955") or ("6371127")).PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2006/08/10 10:14 |
| S40 | 1    | ("5060667").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2006/08/10 12:35 |
| S41 | 1499 | reynolds.AS.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/08/11 07:34 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S42 | 446 | S41 and (cigarette or "smokable rod")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/11 07:34 |
| S43 | 1   | S42 and (burn adj suppress\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/11 07:34 |
| S44 | 58  | S42 and glycerin and (alginate or guar)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/11 07:34 |
| S45 | 74  | ("1829559" "20040025894" "3258015" "3349776" "3356094" "3461879" "3516417" "3614956" "3736941" "3878850" "3910287" "3957062" "3987804" "4207906" "4219031" "4340072" "4347855" "4580579" "4593704" "4632130" "4714082" "4716913" "4727888" "4736754" "4771795" "4793365" "4836224" "4874004" "4878507" "4892109" "4911184" "4917121" "4917128" "4924886" "4961438" "4966171" "4981522" "4986287" "5033483" "5060667" "5065776" "5074321" "5099861" "5101839" "5105835" "5105836" "5105838" "5129408" "5137034" "5159940" "5178167" "5183062" "5211684" "5271419" "5327917" "5345951" "5396911" "5598868" "5715844" "5819751" "6095153" "6202648" "6257243" "6265626" "6367481" "6397852" "6578584").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/08/11 07:34 |
| S46 | 32  | Perfetti-Thomas-A.IN. and nc.INST.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/08/11 07:34 |
| S47 | 102 | S45 or S46  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/08/11 07:34 |
| S48 | 140 | S43 or S44 or S47   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/11 07:34 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S49 | 104  | S48 and (citrate or succinate or tartarate or maleate or acetate or oxalate)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/11 07:34 |
| S50 | 58   | S49 and (alginate or guar)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/11 07:34 |
| S51 | 54   | S50 and glycerin   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/11 07:34 |
| S52 | 40   | S51 and spray  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/11 07:49 |
| S53 | 15   | S51 and mouthpiece   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/08/11 07:50 |
| S54 | 6898 | ((smokable adj article) or cigar or cigarette) and (coaxial or composite or annulus or jacket) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/19 10:50 |
| S55 | 83   | S54 and (burn near3 (suppressing or suppressant or additive))                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/19 10:50 |
| S56 | 49   | S55 and aerosol  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/19 10:51 |
| S57 | 67   | S54 and (aerosol with jacket)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/19 10:51 |
| S58 | 1    | DE-3901226-\$ did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/19 10:51 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S59 | 1   | DE-3602846-\$ did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/04/19 10:51 |
| S60 | 0   | FR-1322254-\$ did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/04/19 10:52 |
| S61 | 6   | (("5265626") or ("5090426") or ("5379789") or ("4874004") or ("1829559")).PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2007/04/19 10:52 |
| S62 | 204 | S54 and (burn\$3 near3 rate)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/04/19 10:52 |
| S63 | 6   | S54 and (burn near3 inhibitor)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/04/19 10:52 |
| S64 | 256 | S55 S62 S63   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/04/19 10:53 |
| S65 | 2   | GB-2070409-\$ did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/04/19 10:53 |
| S66 | 0   | GB-1086443-\$ did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/04/19 10:53 |
| S67 | 5   | (("4272888") or ("4219031")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/04/19 10:53 |
| S68 | 5   | (("4727888") or ("4219031")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/04/19 10:53 |